

# Flex Bake 5™ Technical Troubleshooting - *Starting Serial #08171233*

<b>Cool Down Cycle Takes Excessive Time</b>	<ul style="list-style-type: none"><li>• Determine what temp the oven gets to in 10 minutes (<i>should be 115' F</i>).</li><li>• Confirm water is running inside oven for 7 minutes, if not check that the RO unit has water to it and is supplying water out to oven.</li><li>• Run Drip/Cool water test in diagnostic mode on TSC to confirm water volume.</li><li>• Confirm the convection and cool down motors are running.</li><li>• Confirm that dampers for convection and cool down blowers are open.</li><li>• Confirm what equipment is around oven, possibly causing hot air at cool down blower intake.</li><li>• Determine if oven has hood or other ventilation over it and it is running properly.</li><li>• If unit has IVS hood, confirm the IVS blower is running.</li></ul>
<b>High Limit Reset on Back of Oven Trips</b>	<ul style="list-style-type: none"><li>• Confirm convection blower is running – if not correct issue.</li><li>• Verify the SSR relays are not shorted closed.</li><li>• Visually inspect elements and check amp draw.</li><li>• If elements check good, replace high limit thermostat.</li></ul>
<b>Convection Motor Will Not Run on High Speed</b>	<ul style="list-style-type: none"><li>• Confirm motor spins freely.</li><li>• Run “<i>Conv Fan On</i>” in diagnostic screen.</li><li>• Confirm voltage to motor (<i>black and white wires</i>).</li><li>• If no voltage at motor, confirm that the winding interlock relay is not energized.</li><li>• Confirm 208/240V (230V).output from “<i>Conv Enable</i>” terminal on RPB (<i>relay board - white wire</i>)</li><li>• If no output voltage, confirm 12V output from IO3 board, “<i>Conv Enable</i>” terminal (<i>white wire</i>).</li><li>• Check motor capacitor, should be 15 MFD, +/- 0.5 MFD.</li></ul>
<b>Convection Motor Will Not Run on Low Speed</b>	<ul style="list-style-type: none"><li>• Confirm motor spins freely.</li><li>• Run “<i>Conv Speed Low</i>” in diagnostic screen (<i>select Conv Speed Low, then press Conv Fan On</i>).</li><li>• Confirm voltage to motor (<i>yellow and white wires</i>).</li><li>• If no voltage to motor, confirm winding interlock relay is energized.</li><li>• If not, check for 208/240V (230V) to coil of winding interlock relay.</li><li>• If no voltage to coil, check for output from “<i>Conv Speed Select</i>” on RPB board.</li><li>• If no output voltage from RPB board, confirm 12V output from IO3 board, “<i>Conv Speed Select</i>” terminal (<i>brown wire</i>). If no output, replace IO3 board.</li><li>• Check motor capacitor, should be 15 MFD, +/- 0.5 MFD.</li></ul>